

**Notice of Allowability**

Application No.

10/517,770

Examiner

Leslie J. Evanisko

Applicant(s)

SCHAFFER ET AL.

Art Unit

2854

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the papers filed 12/27/06 & 10/26/06 and the interview on 12/18/06.
2. ☒ The allowed claim(s) is/are 44-55 and 65-72.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date <u>12/27/04 &amp; 11/07/06</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material                                  | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|   | 9. <input type="checkbox"/> Other _____   |

## **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Doug Hanscom on December 18, 2006.

The application has been amended as follows:

### **IN THE SPECIFICATION:**

On page 9, line 13 of the substitute specification dated December 27, 2004, the term "and" was deleted.

On page 9, line 15, the period was deleted and replaced with the following language:

--; and in

Figure 7 is a simplified side elevation view of a satellite printing group.--

On page 11, line 3 of the substitute specification dated December 27, 2004, the phrase --30, as shown in Figure 7, -- was inserted after "cylinder".

On page 11, line 7 of the substitute specification dated December 27, 2004, the comma at the end of the line was deleted and replaced with --30--.

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On page 11, line 8 of the substitute specification dated December 27, 2004, the phrase "which is not specifically depicted," was deleted and after the term "shell", the term --33-- was inserted.

On page 19, line 6 of the substitute specification dated December 27, 2004, the term "[5" was deleted.

On page 22, line 4 of the substitute specification dated December 27, 2004, the term "5" was deleted and replaced with --4--.

On page 24, line 6 of the substitute specification dated December 27, 2004, the term --D3-- was inserted after "diameter" (first occurrence).

On page 30, line 3 of the substitute specification dated December 27, 2004, the term "designed]" was deleted.

The above changes to the specification were made to correct obvious typographical errors and other informalities, to add a description of a reference numeral shown in the drawings and not otherwise described, and to provide a brief description of new Figure 7 (and its associated reference numerals), which Figure will be submitted by applicant (see below agreed upon drawing changes).

#### IN THE CLAIMS:

Claims 41-43 have been canceled per applicant's request in the telephone interview on December 18, 2006.

In claim 44, line 12, the term "blanket" (second occurrence) was deleted and replaced with --transfer--.

In claim 44, line 14, the term "blanket" was deleted and replaced with --transfer-.

In claim 44, line 15, the term "a" was deleted and replaced with --at--.

In claim 44, line 19, the term "blanket" (second occurrence) was deleted and replaced with --transfer--.

In claim 44, line 20, the term "cylinder" was deleted and replaced with --end receiving-- and the term "transfer" was deleted and replaced with --blanket end receiving--.

In claim 44, line 21, the term "cylinder" (first occurrence) was deleted and the term "cylinder" (second occurrence) was deleted and replaced with --end receiving--.

In claim 44, line 26, the phrase --end receiving-- was inserted after "blanket" and the term "and" was deleted.

In claim 44, line 27, the phrase --end receiving-- was inserted after "blanket" (second occurrence).

In claim 44, line 29, after "shell", the semicolon ";" was deleted and replaced with the following language: --, ones of said blanket end receiving openings spaced apart by alternating ones of said transfer cylinder sections being aligned in said axial direction of said transfer cylinder; and--.

In claim 44, line 31, the term "and" was deleted and replaced with --is--.

In claim 44, line 33, the term "shell" was deleted.

In claim 44, line 34, the term "; and" was deleted and replaced with a period.

In claim 44, lines 35-38, the entire text was deleted, beginning with "an axial length of each said printing blanket..." and ending with "transfer cylinder."

In claim 45, line 1, the phrase "a width of a" was deleted and replaced with --the axial length of each--.

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In claim 45, line 2, the phrase "a width of a" was deleted and replaced with --the axial length of each--.

In claim 46, line 2, the term "width" was deleted and replaced with --axial length--.

In claim 47, line 2, the term "width" was deleted and replaced with --axial length--.

In claim 51, line 2, the term "shell" was deleted and replaced with --end receiving--.

In claim 52, line 2, the term "shell" was deleted and replaced with --end receiving--.

Claims 56-64 and 73-78 have been canceled as being directed to the non-elected inventions, non-elected without traverse in the response received October 26, 2006.

In claim 65, line 1, the phrase --end receiving-- was inserted after "said".

In claim 65, line 2, the term "circumferential length" was deleted and replaced with --slit width--.

In claim 68, line 2, the term "9" was deleted and replaced with --4--.

The above changes to the claims were made to clear up various minor informalities and to insure all of the claim language has proper antecedent basis and that the claims use consistent terminology throughout. Note the change to claim 68 was made to be consistent with the specification on page 18, line 7, which states the range is between 4 mm and 10 mm and preferably 6 mm.

IN THE DRAWINGS:

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The following changes to the drawings have been approved by the examiner and agreed upon by applicant: In Figure 2, the term "1a" will be deleted and replaced with --01a-- , the term "1b" will be deleted and replaced with --01b--, and both occurrences of reference numeral 21 and its associated lead line will be deleted from Figure 2. In Figure 3, the term "bis" will be deleted and replaced with a dash mark "-" and the dimensionally stable support plate for the printing blanket recited in claim 48 will be added. In Figure 4, the term "06" on the right-hand side of the cylinder will be deleted. Additionally, a new Figure 7 will be added to illustrate a satellite printing group including a counter-pressure cylinder as recited in claims 53-55. In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

**IN THE TITLE:**

Please note the title of the invention has been changed by the Examiner to the following to more accurately reflect the claimed invention:

--CYLINDER PAIR HAVING A PLURALITY OF PRINTING FORMES AND BLANKETS AND OFFSET GROOVE OPENINGS--

**Reasons for Allowance**

2. The following is an examiner's statement of reasons for allowance:

With respect to claim 44 in particular, the prior art of record fails to teach or fairly suggest a cylinder pair including all of the structure as recited, in combination with and particularly including, a cylinder pair of a printing group of a rotary offset

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printing press having all of the structure as recited, in combination with and particularly including, at least three printing blankets aligned side-by-side axially on the transfer cylinder, each blanket having a circumferential length of the transfer cylinder circumferential shell, with the printing blanket end receiving openings of adjacent ones of the transfer cylinder sections being offset from each other by  $180^\circ$ , and the number of printing formes aligned axially on the forme cylinder is at least equal to the number of printing blankets, the axial length of each printing blanket being a whole number multiple of an axial length of each printing forme, and each printing forme having a circumferential length of half of the forme cylinder circumferential length.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Leslie J. Evanisko** whose telephone number is **(571) 272-2161**. The examiner can normally be reached on T-F 8:00 am-6:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on (571) 272-2258. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Leslie J. Evanisko  
Primary Examiner  
Art Unit 2854

lje  
December 18, 2006